

# WEST Search History

DATE: Tuesday, September 30, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L19	l16 and l18	14	L19
L18	static\$ or electrostatic\$	267884	L18
L17	l1 and l16	1	L17
L16	(l2 or l6) and positiv\$	90	L16
<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
L15	positiv\$ and l9	6	L15
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L14	fiberglass or fibreglass or ((fiber or fibre) near glass)	107847	L14
<i>DB=DWPI; PLUR=YES; OP=ADJ</i>			
L13	l9 and l12	11	L13
L12	sawdust or saw dust or mulch or cardboard	33517	L12
L11	l9 and l10	26	L11
L10	fiberglass or fibreglass or ((fiber or fibre) near glass)	57377	L10
L9	loose fill or cellulos\$ near insulat\$	391	L9
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L8	l4 and l6	16	L8
L7	l4 and l6 and l1	0	L7
L6	cellulos\$ insulation	215	L6
L5	l2 and l4	31	L5
L4	ground cardboard or sawdust or mulch	10093	L4
L3	l1 and l2	2	L3
L2	loose fill	738	L2
L1	finish mill	67	L1

END OF SEARCH HISTORY

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## Set Name Query

side by side

*DB=USPT,PGPB; PLUR=YES; OP=ADJ*

		<u>Hit Count</u>	<u>Set Name</u>
			result set
L11	l5 same l6 same l7 same l10	12	L11
L10	grind or grinding or grinds or mill or milling or mills	265174	L10
L9	l5 same l6 same l7 same l8	21	L9
L8	grind\$ or mill\$	735866	L8
L7	mulch or sawdust or saw dust or fiberglass or fibreglass or fiber glass or fibre glass	79818	L7
L6	newspaper or paper or cellulos\$	593620	L6
L5	insulat\$	494059	L5

*DB=DWPI; PLUR=YES; OP=ADJ*

L4	l1 and l2 and L3	101	L4
L3	mulch or sawdust or saw dust or fiberglass or fibreglass or fiber glass or fibre glass	22949	L3
L2	newspaper or paper	284888	L2
L1	grind\$ or mill\$	226656	L1

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END OF SEARCH HISTORY

## WEST

 Generate Collection  Print

L13: Entry 1 of 11

File: DWPI

Jan 27, 2000

DERWENT-ACC-NO: 2000-138118

DERWENT-WEEK: 200013

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**TITLE:** Production of cellulose insulating material and image analysis for fault analysis of insulating material obtained using old paper and cardboard also natural fiber material with additives

INVENTOR: VOGEL, R; WESTPHAL, K

**PATENT-ASSIGNEE:**

ASSIGNEE	CODE
GFAI GES FOERDERUNG ANGEWANDTER INFORMAT	GFAIN

PRIORITY-DATA: 1998DE-1035090 (July 24, 1998)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 19835090 A1	January 27, 2000		008	B27N003/00

**APPLICATION-DATA:**

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 19835090A1	July 24, 1998	1998DE-1035090	

INT-CL (IPC): B02 C 19/06; B27 N 3/00; B27 N 9/00; G01 N 21/88; G06 M 11/00

ABSTRACTED-PUB-NO: DE 19835090A

**BASIC-ABSTRACT:**

**NOVELTY** - The method of production includes a variation of the parameters in the mill. The rpm and frequency, the milling gap, also the material and air throughput of sort of paper, are so adjusted at the eddy current mill, that the cellulose insulation material is homogeneous and consists of nearly the same surface flakes with cores of fiber as well as additives and the additives are laid as fine dust at the fibers and flakes.

**USE** - Production of suitable cellulose insulating material from old and natural materials.

**ADVANTAGE** - The various materials are treated in a mill to produce homogeneous insulation material, with additives to improve fire protection and to prevent biological contamination. The eddy current mill is operated with variable parameters and materials to provide optimum mixture with low heat conducting and consolidation.

**DESCRIPTION OF DRAWING(S)** - Shows arrangement for carrying out method with automatic characteristic determination in insulation material flow for plant control.

Output fiber material 2

Additive 3

Material supply 4

Mill 5

Air supply 20

Computer 13

Camera 11

Control 19

Packing machine 9

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: PRODUCE CELLULOSE INSULATE MATERIAL IMAGE ANALYSE FAULT ANALYSE INSULATE MATERIAL OBTAIN PAPER CARDEBOARD NATURAL MATERIAL ADDITIVE

DERWENT-CLASS: P41 P63 S03 T05

EPI-CODES: S03-E04F1; S03-E04F2; T05-A02;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2000-103283

## WEST

 Generate Collection  Print

L13: Entry 2 of 11

File: DWPI

Jun 8, 1999

DERWENT-ACC-NO: 1999-356813

DERWENT-WEEK: 199930

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TITLE: A loose fill acoustical or thermal insulation material

INVENTOR: KEAN, M J; KEAN, T M ; SMITH, D D

PATENT-ASSIGNEE:

ASSIGNEE	CODE
BORICEL CORP	BORIN

PRIORITY-DATA: 1997US-0895165 (July 16, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5910367 A	June 8, 1999		004	D02G003/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 5910367A	July 16, 1997	1997US-0895165	

INT-CL (IPC): D02 G 3/00; E04 B 1/74

ABSTRACTED-PUB-NO: US 5910367A

BASIC-ABSTRACT:

NOVELTY - A loose fill insulation material consists a mixture of cellulose fibers and 0.5 to 40 wt% individual or small clumps of natural fibers and optionally 5 to 25 wt.% of at least one fire retardant agent

DETAILED DESCRIPTION - Preferred features; The insulating material has a settled density of 0.8 to 1.6 lbs per foot cube, the cellulose fiber is recycled paper or cardboard and the textile material cotton

USE - A loose insulating filling for wall cavities, lofts, under floor etc. providing a light weight insulating material which is simple to mfr. using existing equipment and enhanced settled density against prior art materials.

DESCRIPTION OF DRAWING(S) - The drawing graphically shows the relationship between wood pulp and natural fibers and resulting insulation density

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: LOOSE FILL ACOUSTIC THERMAL INSULATE MATERIAL

DERWENT-CLASS: F02 F07 F09 Q43

CPI-CODES: F04-E06; F05-A02B;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-105461

Non-CPI Secondary Accession Numbers: N1999-265622